**Unit 7 Map – Genetics**

Biology 1

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| **Topic** | **Specific Learning Target** | **Checkpoint Score %** | **Test Score %** |
| Mendel and Basic Crosses | A. I can use basic genetics vocabulary (ex: genotype, phenotype, heterozygous, homozygous, dominant, recessive). |  |  |
| B. I can describe Mendel’s experiments and his laws. |
| C. I can use Punnett squares for basic monohybrid crosses. |
| Variations of Dominance | D. I can use Punnett squares for unusual monohybrid crosses—incomplete dominance, codominance, blood types, sex-linkage. |  |  |
| E. I can use Punnett squares for dihybrid crosses. |
| Pedigrees | F. I can analyze pedigrees to determine the type of inheritance for a trait—dominant, recessive, or sex-linked. |  |  |
| G. I can create a pedigree given information about several generations of individuals. |